

REMARKS

Reconsideration and allowance of the above-referenced application are respectfully requested.

Upon entry of this amendment, claims 1-16 will remain in the application.

Claim Rejections - 35 USC §112

Claims 15 and 16 were rejected under 35 U.S.C. 112, second paragraph, as allegedly being indefinite.

Claims 15 and 16 have been amended to obviate the rejections.

Claim Rejections - 35 USC §102

Claims 1-16 were rejected under 35 U.S.C. 102(b) as being allegedly anticipated by U.S. Patent No. 5,182,687 to Campbell et al. (hereinafter, "Campbell").

Independent claims 1, 7, and 13 have been amended to recite that the memory system is placed in a self-refresh mode in response to detecting a reset condition or power failure (claims 1, 7, 13) and verifying that the memory controller is initialized (claim 1).

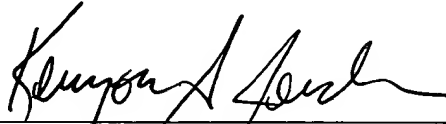
Campbell does not disclose or suggest a system including a memory controller for an memory system or placing the memory system in a self-refresh mode. Rather, Campbell merely discloses entering values into an internal RAM in a microprocessor and maintaining the data using a rechargeable battery. Accordingly, Applicants submit that independent claims 1, 7, and 13, and their dependencies, are allowable.

Enclosed is a our check in the amount of \$420.00 for the Petition for Extension of Time fee.

Please apply any other charges or credits to deposit
account 06-1050.

Respectfully submitted,

Date: June 30, 2004



Scott C. Harris
Reg. No. 32,030

Attorneys for Intel Corporation
PTO Customer No. 20985
Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

/BY
KENYON S. JENCKES
REG. NO. 41,873

10410629.doc